

10/560398

IAP9 Rec'd PCT/PTO 12 DEC 2005

Docket No. 5000-5288

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Takefumi NISHIMUTA, Hiroshi MIYAGI, Tadahiro OHMI, Shigetoshi SUGAWA, and Akinobu TERAMOTO

Serial No.: TBA Group Art Unit: TBA

Filed: Herewith Examiner: TBA

For: MIXER CIRCUIT

Customer No.: 27123

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

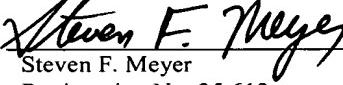
Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449. Copy(ies) of these references  are attached  were filed in related application U.S. Serial No(s) \_\_\_\_\_, filed \_\_\_\_\_, respectively.

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Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: December 12, 2005

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IAP9 Rec'd PCT/PTO 12 DEC 2001

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<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>		Attorney Docket No. 5000-5288		Serial No.: To Be Assigned			
		Applicants: Takefumi NISHIMUTA; Hiroshi MIYAGI; Tadahiro OHMI; Shigetoshi SUGAWA; and Akinobu TERAMOTO					
		Filing Date: Herewith		Group Art Unit: To Be Assigned			
		<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initial	Patent Number	Publication Date	Name	Class	Sub-Class	Filing Date	
	US 2002/0011612 A1	January 31, 2002	Hieda	257	262	July 30, 2001	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial	Patent Number	Publication Date	Country	Class	Sub-Class	Translation	
	JP-A-2003-134183	May 9, 2003	Japan	H 04 L	27 / 22	Accompanied by English abstract	
	JP-A-2002-110963	April 12, 2002	Japan	H 01 L	29 / 78	Accompanied by English abstract	
	JP-A-2002-261091	September 13, 2002	Japan	H 01 L	21 / 316	Accompanied by English abstract	
	JP-A-2002-118255	April 19, 2002	Japan	H 01 L	29 / 78	Accompanied by corresponding US Patent publication 2002/0011612 A1	
	JP-A-2002-261097	September 13, 2002	Japan	H 01 L	21 / 318	Accompanied by corresponding EP Patent publication EP 1 347 506	
	EP 1 347 506 A1	September 24, 2003	EPO	H 01 L	21 / 316	English language version (Corresponding to JP-A-2002-261097)	
	JP-A-2000-228611	August 15, 2000	Japan	H 03 D	7 / 14	Accompanied by English abstract	
	JP-A-H08-264764	October 11, 1996	Japan	H 01 L	29 / 78	Accompanied by English abstract	
	JP-A-H11-55096	February 26, 1999	Japan	H 03 K	17 / 08	Accompanied by English abstract	
<b>OTHER DOCUMENTS (Including Author, Title, Date, etc.)</b>							
Examiner	Date Considered						
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							